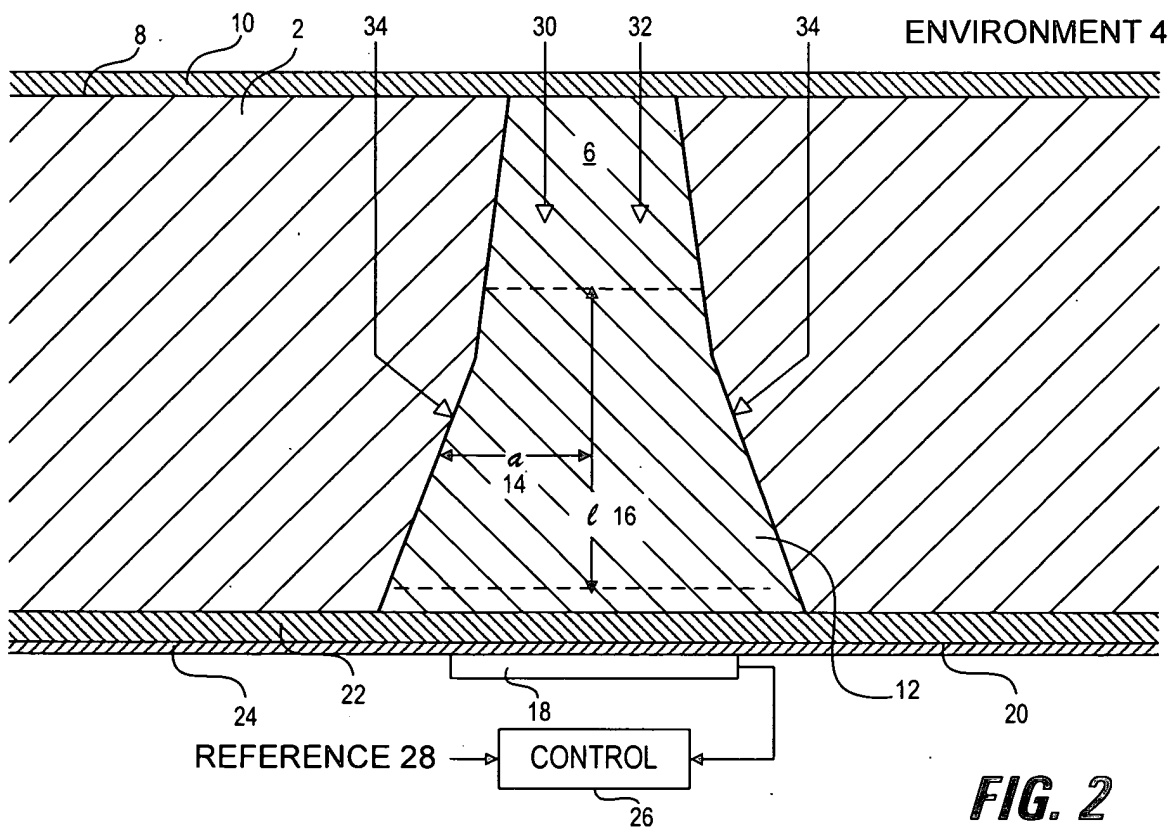


Inventor(s): Gough, et al.; Serial Number: 10/078,567
Filing Date: 02/15/2002; Atty Docket No.: 041673-2067

FIG. 1

**FIG. 2**

2/6

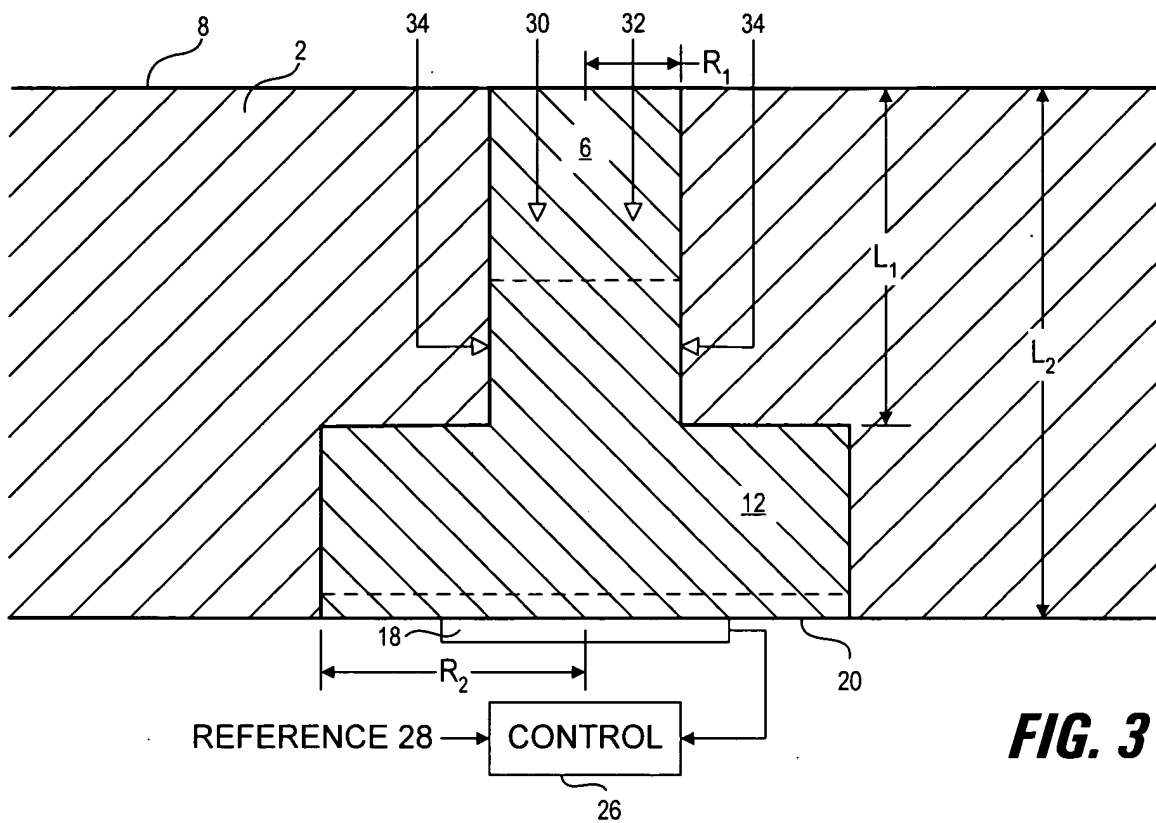


FIG. 3

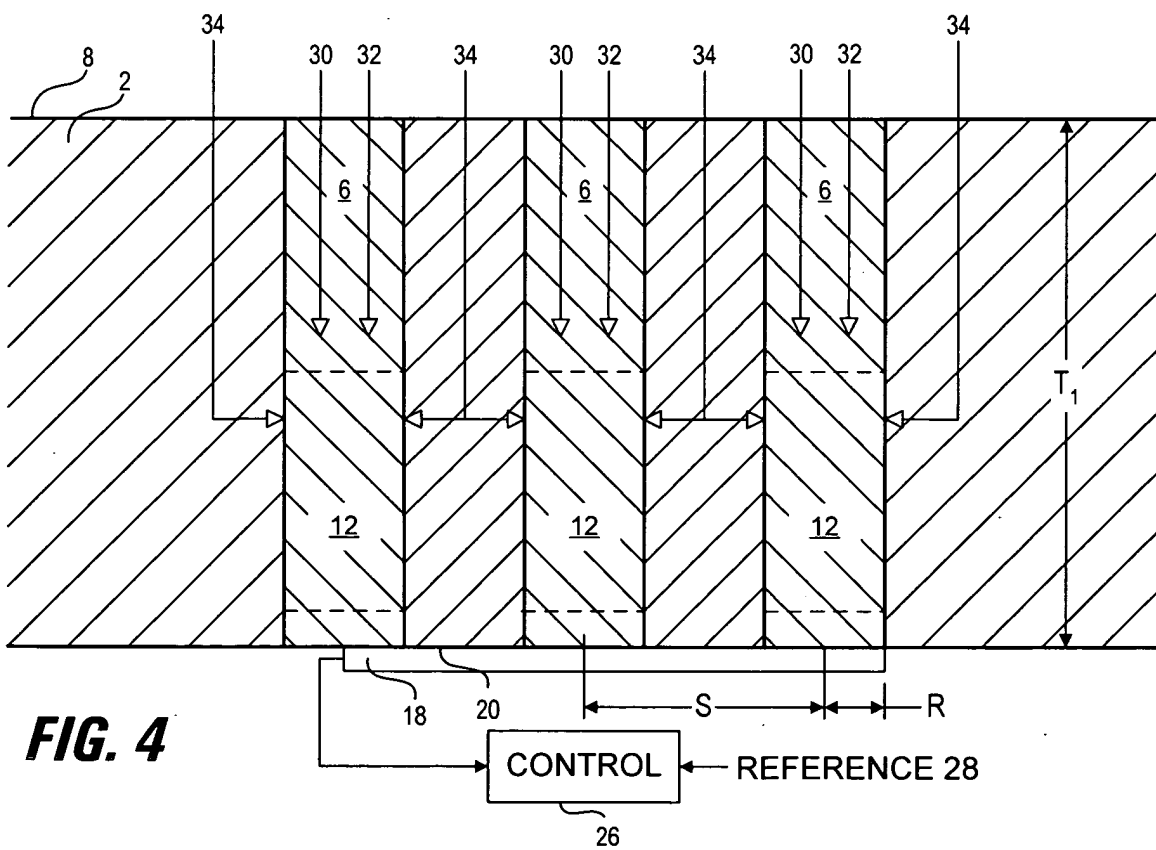
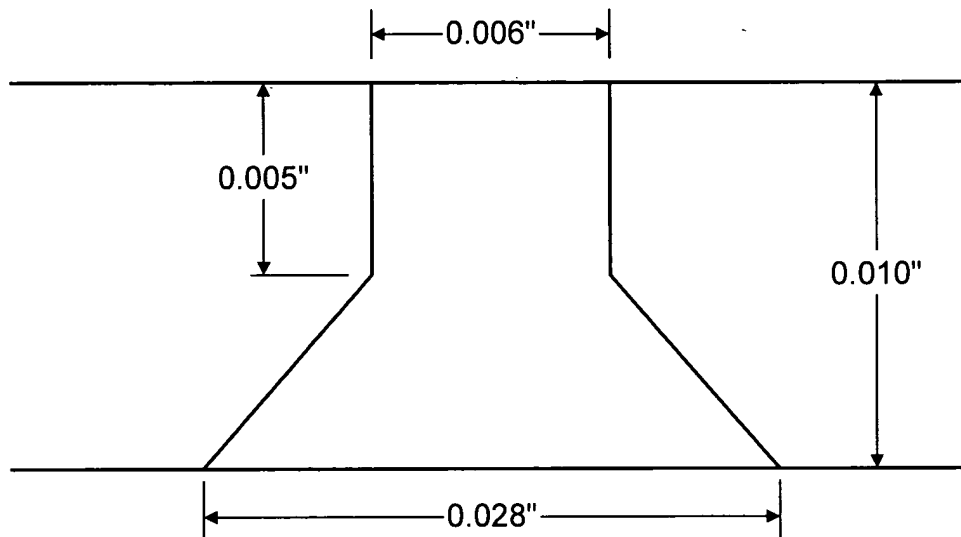


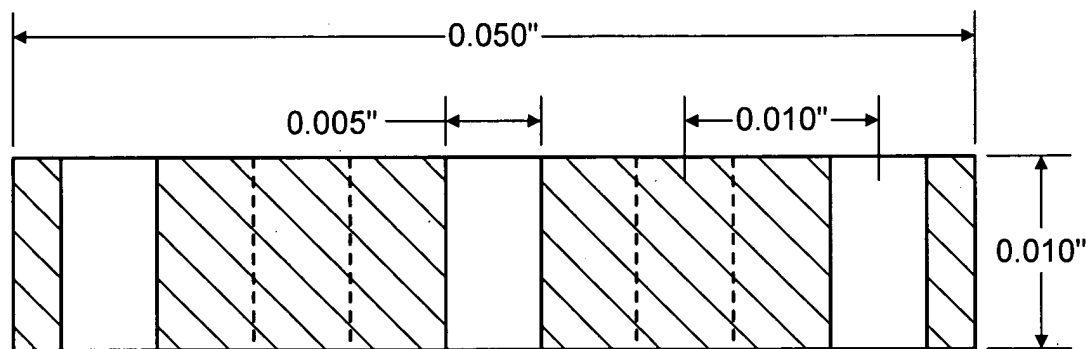
FIG. 4

3/6



MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	FUNNEL
ENZYME REGION DIAMETER AT BASE	0.028"
ENZYME REGION DIAMETER AT TOP	0.006"

FIG. 5



MEMBRANE THICKNESS	0.010"
ENZYME REGION SHAPE	CYLINDRICAL
ENZYME REGION DIAMETER	0.005"
ENZYME REGION SPACING	0.010" CENTER-TO-CENTER
	OFFSET GRID PATTERN

FIG. 6

4/6

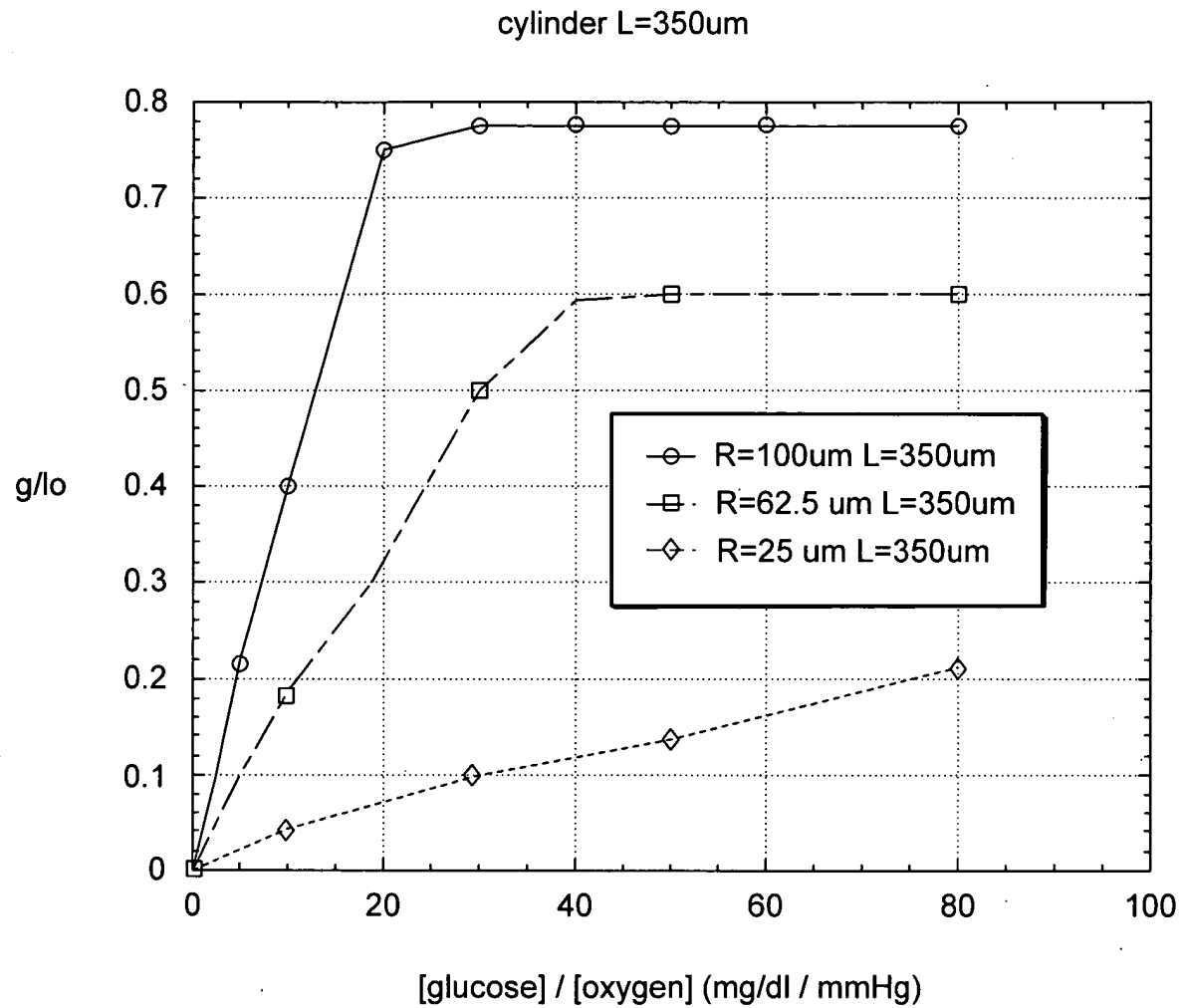


FIG. 7A

5/6

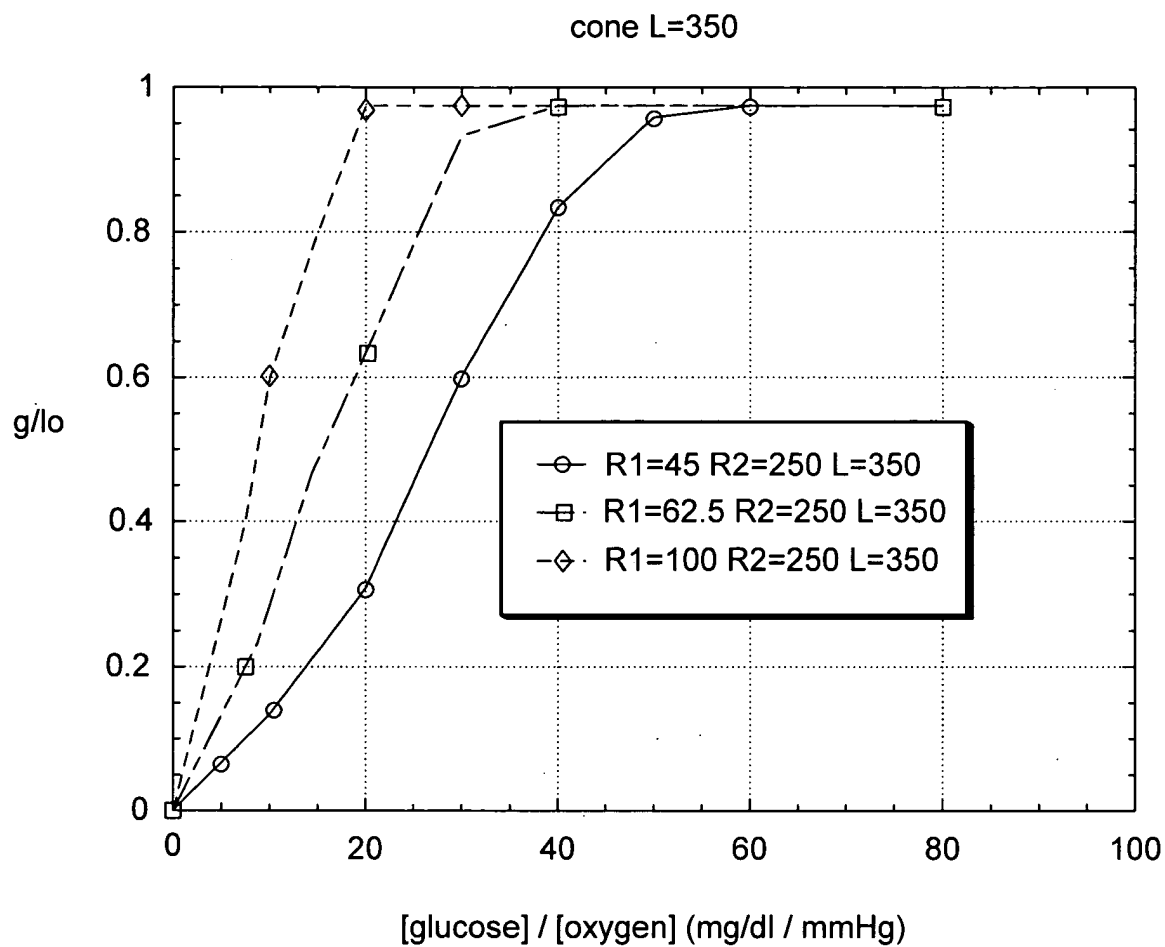


FIG. 7B

6/6

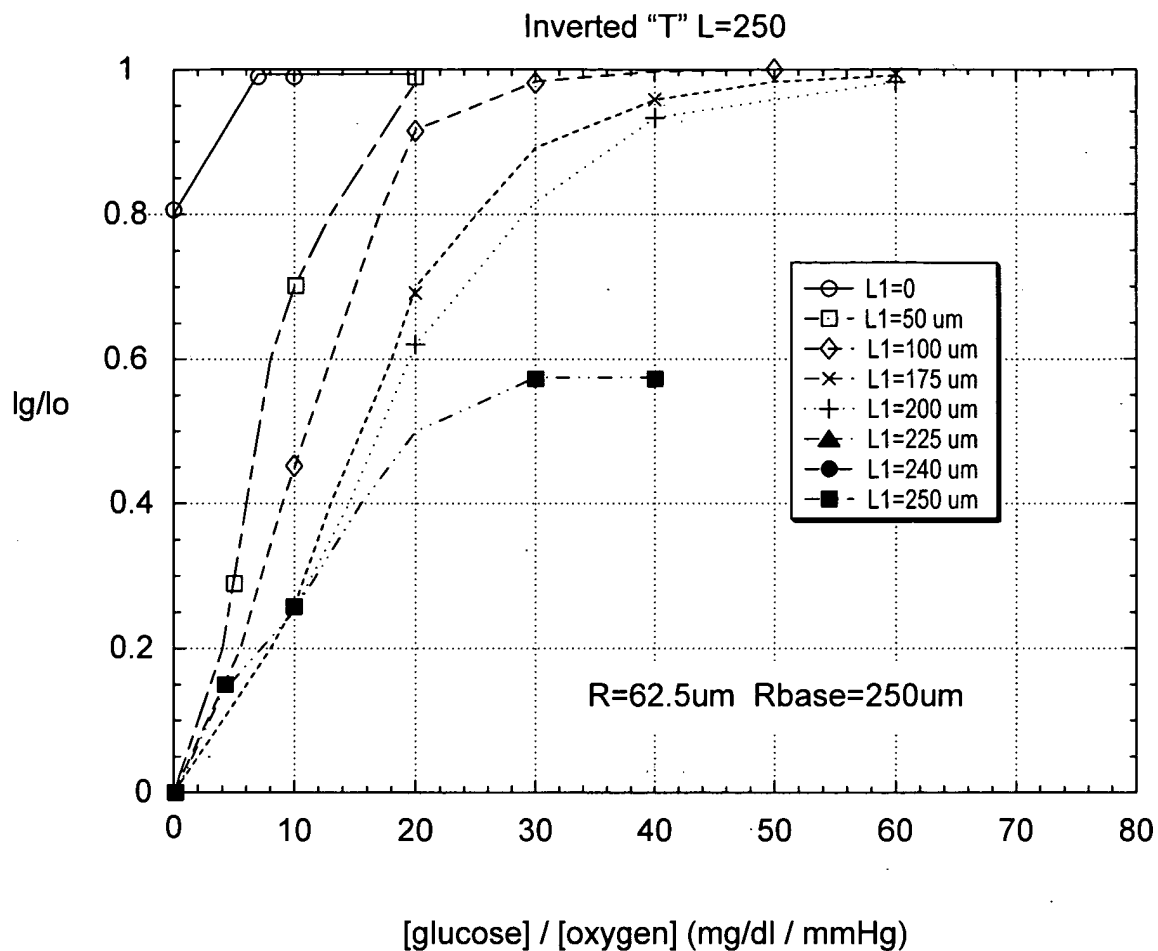


FIG. 7C